



Please type a plus sign (+) inside this box → ☐

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

+

Substitute for form 1449A/PTO		Complete if Known			
		Application Number	09/129,298		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	August 5, 1998		
		First Named Inventor	Charles Arntzen		
		Group Art Unit	1638		
		Examiner Name	David H. Kruse		
Sheet	1	of	2	Attorney Docket Number	CIB-T105X

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	U1					
	U2					
	U3					
	U4					
	U5					
	U6					
	U7					
	U8					
	U9					
	U10					
	U11					
	U12					
	U13					
	U14					

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
OK ↓ OK	F1		WO 95/15972 A1		Thomas Jefferson University	06-15-1995	ALL	—
	F2		WO 97/48714 A1		Thomas Jefferson University	12-24-1997	ALL	—
	F3		WO 98/54330 A1		Zeneca Limited	12-03-1998	ALL	—
	F4		WO 99/25853 A1		Pioneer Hi-Bred International, Inc.	05-27-1999	ALL	—
	F5		WO 99/58702 A1		Kimeragen, Inc.	11-18-1999	ALL	—
	F6							
	F7							
	F8							

Examiner Signature		Date Considered	21 July 2004
--------------------	--	-----------------	--------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside this box → ☐

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	09/129,298		
		Filing Date	August 5, 1998		
		First Named Inventor	Charles Arntzen		
		Group Art Unit	1638		
		Examiner Name	David H. Kruse		
Sheet	2	of	2	Attorney Docket Number	CIB-T105X

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DK	R1	BEETHAM, P. R., KIPP, P. B., SAWYCKY, X. L., ARNTZEN, C. J., MAY, G. D. (July 1999) "A tool for functional plant genomics: Chimeric RNA/DNA oligonucleotides cause <i>in vivo</i> gene-specific mutations" <i>Proc. Natl. Acad. Sci. USA</i> 96:8774-8778.	
	R2	COLE-STAUS, A., YOON, K., XIANG, Y., BYRNE, B. C., RICE, M. C., GRYN, J., HOLLOMAN, W. K., KMIEC, E. B. (September 1996) "Correction of the Mutation Responsible for Sickle Cell Anemia by an RNA-DNA Oligonucleotide" <i>Science</i> 273: 1386-1389.	
	R3	HOLMES, JR. J., CLARK, S., MODRIC, P. (August 1990) "Strand-specific mismatch correction in nuclear extracts of human and <i>Drosophila melanogaster</i> cell lines" <i>Proc. Natl. Acad. Sci. USA</i> 87: 5837-5841.	
	R4	KMIEC, E. B. (June 1995) "Genetic manipulation in mammalian cells using an RNA/DNA chimeric oligonucleotide" <i>Advanced Drug Delivery Reviews</i>	
DK	R5	ZHU, T., PETERSON, D. J., TAGLIANI, L., ST. CLAIR, G., BASZCZYNSKI, C. L., BOWEN, B. (July 1999) "Targeted manipulation of maize genes <i>in vivo</i> using chimeric RNA/DNA oligonucleotides" <i>Proc. Natl. Acad. Sci. USA</i> 96: 8768-8773.	
	R6		
	R7		
	R8		
	R9		
	R10		
	R11		
	R12		
	R13		

Examiner Signature		Date Considered	21 July 2004
--------------------	--	-----------------	--------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.